

SPS AWAKE			
Facility Coordinator last week		Giovanni Zevi Della Porta	
Facility Coordinator this week			
Facility Status			
Summary	Electron beam commissioning and installation of new BTV <ul style="list-style-type: none"> ▪ Electron beam commissioning: <ul style="list-style-type: none"> ○ Measured response curve and hysteresis of new corrector at the end of the beamline (using current instead of K, since logical.K is not yet available) ○ Tested orthogonal steering with new corrector. Also tested effect of cycling magnets before every correction to improve reproducibility. Promising, but we will need more statistics to estimate residual steering error ▪ BTV screens <ul style="list-style-type: none"> ○ Installed new BTV screen close to plasma exit, aligned digital camera using He:Ne laser on proton trajectory ○ Replaced 2nd YAG screen on BTV.412354 with an OTR so that this BTV can be used for proton trajectory alignment. ▪ Laser interlock: <ul style="list-style-type: none"> ○ Upgraded PLC logic for machine-protection interlock to protect 		
Issues	<ul style="list-style-type: none"> ▪ BTV.412442 <ul style="list-style-type: none"> ○ Unexplained interlock for ~30 minutes on Thursday. Added all relevant signal to Timber in order to monitor this in the future ▪ Patrol lost (Tuesday): emergency handle was moved by mistake while transporting material. While re-patrolling, operators installed red seals on all emergency handles to reduce the chances of this happening again. 		
Plans	Transport Discharge Plasma Source to TAG41 and beginning installation and alignment		
Foreseen beam stop			
Yes	Duration	-	date/time
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